

# WEST Search History

DATE: Tuesday, June 24, 2003

Set Name Query  
side by side

Hit Count Set Name  
result set

*DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ*

L6	L3 not l4	10	L6
L5	L4 and l3	3	L5
L4	L2 with stereo\$	4	L4
L3	L2 with optical\$	13	L3
L2	(transamina\$ or convert\$) with acetophenone	396	L2

*DB=USPT; PLUR=YES; OP=ADJ*

L1	6413752	1	L1
----	---------	---	----

END OF SEARCH HISTORY

**WEST**

Generate Collection

Print

**Search Results - Record(s) 1 through 3 of 3 returned.**☐ 1. Document ID: US 20020127664 A1

L5: Entry 1 of 3

File: PGPB

Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020127664

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020127664 A1

TITLE: Protein capable of catalyzing transamination stereoselectively, gene encoding said protein and use thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	-----------	-------

☐ 2. Document ID: US 6413752 B1

L5: Entry 2 of 3

File: USPT

Jul 2, 2002

US-PAT-NO: 6413752

DOCUMENT-IDENTIFIER: US 6413752 B1

TITLE: Protein capable of catalyzing transamination stereoselectively, gene encoding said protein and use thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	-----------	-------

☐ 3. Document ID: US 20020127664 A1 EP 1038953 A1 JP 2000342276 A US 6413752 B1

L5: Entry 3 of 3

File: DWPI

Sep 12, 2002

DERWENT-ACC-NO: 2000-629576

DERWENT-WEEK: 200262

COPYRIGHT 2003 DERWENT INFORMATION LTD

TITLE: Novel Mycobacterium protein capable of catalyzing transamination stereo selectively, useful for producing optically active amino compounds, comprises a sequence of 339 amino acids

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	------	-----------	-------

Generate Collection

Print

Terms	Documents
L4 and I3	3

**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 10 of 10 returned.**☐ 1. Document ID: US 6346402 B1

L6: Entry 1 of 10

File: USPT

Feb 12, 2002

US-PAT-NO: 6346402

DOCUMENT-IDENTIFIER: US 6346402 B1

TITLE: (S)-.alpha.-phenethylamine: pyruvate transaminase

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------

KM/C	Draw Desc	Image
------	-----------	-------

☐ 2. Document ID: US 5723672 A

L6: Entry 2 of 10

File: USPT

Mar 3, 1998

US-PAT-NO: 5723672

DOCUMENT-IDENTIFIER: US 5723672 A

TITLE: Process for racemization of optically active 1-phenylethylamine derivative

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------

KM/C	Draw Desc	Image
------	-----------	-------

☐ 3. Document ID: US 5223640 A

L6: Entry 3 of 10

File: USPT

Jun 29, 1993

US-PAT-NO: 5223640

DOCUMENT-IDENTIFIER: US 5223640 A

TITLE: Preparation of optically active .alpha.-aryl propionic acids

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------

KM/C	Draw Desc	Image
------	-----------	-------

☐ 4. Document ID: US 4857468 A

L6: Entry 4 of 10

File: USPT

Aug 15, 1989

US-PAT-NO: 4857468

DOCUMENT-IDENTIFIER: US 4857468 A

TITLE: Process for preparing optically active 2-halo-1-phenyl ethanol

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------

KM/C	Draw Desc	Image
------	-----------	-------

☐ 5. Document ID: JP 2000342276 A

L6: Entry 5 of 10

File: JPAB

Dec 12, 2000

PUB-NO: JP02000342276A

DOCUMENT-IDENTIFIER: JP 2000342276 A

TITLE: PROTEIN, ITS GENE AND THEIR USE

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------

KWIC	Draw Desc	Image
------	-----------	-------

☐ 6. Document ID: JP 05051371 A

L6: Entry 6 of 10

File: JPAB

Mar 2, 1993

PUB-NO: JP405051371A

DOCUMENT-IDENTIFIER: JP 05051371 A

TITLE: GAMMA-LACTONE DERIVATIVE AND ITS USE

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------

KWIC	Draw Desc	Clip Img	Image
------	-----------	----------	-------

☐ 7. Document ID: EP 1045025 A1

L6: Entry 7 of 10

File: EPAB

Oct 18, 2000

PUB-NO: EP001045025A1

DOCUMENT-IDENTIFIER: EP 1045025 A1

TITLE: (S)-alpha-PHENETHYLAMINE : PYRUVATE TRANSAMINASE

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------

KWIC	Draw Desc	Image
------	-----------	-------

☐ 8. Document ID: WO 200026351 A1 US 6346402 B1 AU 9963672 A EP 1045025 A1 JP 2000579723 X

L6: Entry 8 of 10

File: DWPI

May 11, 2000

DERWENT-ACC-NO: 2000-376128

DERWENT-WEEK: 200219

COPYRIGHT 2003 DERWENT INFORMATION LTD

TITLE: New (S)-alpha-phenethylamine:pyruvate transaminase for catalyzing transamination to give acetophenone and amino compound

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------

KWIC	Draw Desc	Image
------	-----------	-------

☐ 9. Document ID: JP 06197791 A

L6: Entry 9 of 10

File: DWPI

Jul 19, 1994

DERWENT-ACC-NO: 1994-268695

DERWENT-WEEK: 199433

COPYRIGHT 2003 DERWENT INFORMATION LTD

TITLE: Prepn. of optically active 2,2-di:halo-1-phenyl-ethanol - by reacting di:halo-acetone with microbe of Candida, Rhodosporidium, Corynebacterium etc. or

deriv. of these

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------

KWIC	Draw Desc	Clip Img	Image
------	-----------	----------	-------

☐ 10. Document ID: JP 06178691 A JP 3178128 B2

L6: Entry 10 of 10

File: DWPI

Jun 28, 1994

DERWENT-ACC-NO: 1994-245331

DERWENT-WEEK: 200136

COPYRIGHT 2003 DERWENT INFORMATION LTD

TITLE: Prodn. of optically-active 2,2,2-tri:halo-1-phenyl-ethanol - by culturing microbes belonging to e.g. Candida to convert corresp. acetophenone into prod., used for mfg. antibiotics

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------

KWIC	Draw Desc	Clip Img	Image
------	-----------	----------	-------

Terms	Documents
L3 not l4	10

**Display Format:** [Previous Page](#)[Next Page](#)

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspta1800exs

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 Jun 03 New e-mail delivery for search results now available  
NEWS 4 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN  
NEWS 5 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)  
now available on STN  
NEWS 6 Aug 26 Sequence searching in REGISTRY enhanced  
NEWS 7 Sep 03 JAPIO has been reloaded and enhanced  
NEWS 8 Sep 16 Experimental properties added to the REGISTRY file  
NEWS 9 Sep 16 CA Section Thesaurus available in CAPLUS and CA  
NEWS 10 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985  
NEWS 11 Oct 24 BEILSTEIN adds new search fields  
NEWS 12 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN  
NEWS 13 Nov 18 DKILIT has been renamed APOLLIT  
NEWS 14 Nov 25 More calculated properties added to REGISTRY  
NEWS 15 Dec 04 CSA files on STN  
NEWS 16 Dec 17 PCTFULL now covers WP/PCT Applications from 1978 to date  
NEWS 17 Dec 17 TOXCENTER enhanced with additional content  
NEWS 18 Dec 17 Adis Clinical Trials Insight now available on STN  
NEWS 19 Jan 29 Simultaneous left and right truncation added to COMPENDEX,  
ENERGY, INSPEC  
NEWS 20 Feb 13 CANCERLIT is no longer being updated  
NEWS 21 Feb 24 METADEX enhancements  
NEWS 22 Feb 24 PCTGEN now available on STN  
NEWS 23 Feb 24 TEMA now available on STN  
NEWS 24 Feb 26 NTIS now allows simultaneous left and right truncation  
NEWS 25 Feb 26 PCTFULL now contains images  
NEWS 26 Mar 04 SDI PACKAGE for monthly delivery of multifile SDI results  
NEWS 27 Mar 20 EVENTLINE will be removed from STN  
NEWS 28 Mar 24 PATDPAFULL now available on STN  
NEWS 29 Mar 24 Additional information for trade-named substances without  
structures available in REGISTRY  
NEWS 30 Apr 11 Display formats in DGENE enhanced  
NEWS 31 Apr 14 MEDLINE Reload  
NEWS 32 Apr 17 Polymer searching in REGISTRY enhanced  
NEWS 33 Jun 13 Indexing from 1947 to 1956 added to records in CA/CAPLUS  
NEWS 34 Apr 21 New current-awareness alert (SDI) frequency in  
WPIDS/WPINDEX/WPIX  
NEWS 35 Apr 28 RDISCLOSURE now available on STN  
NEWS 36 May 05 Pharmacokinetic information and systematic chemical names  
added to PHAR  
NEWS 37 May 15 MEDLINE file segment of TOXCENTER reloaded  
NEWS 38 May 15 Supporter information for ENCOMPAT and ENCOMPLIT updated  
NEWS 39 May 16 CHEMREACT will be removed from STN  
NEWS 40 May 19 Simultaneous left and right truncation added to WSCA  
NEWS 41 May 19 RAPRA enhanced with new search field, simultaneous left and  
right truncation  
NEWS 42 Jun 06 Simultaneous left and right truncation added to CBNB  
NEWS 43 Jun 06 PASCAL enhanced with additional data  
NEWS 44 Jun 20 2003 edition of the FSTA Thesaurus is now available  
  
NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT  
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),

AND CURRENT DISC R FILE IS DATED 01 APRIL 2003

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 17:29:04 ON 24 JUN 2003

=> fil .eliz

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION

FULL ESTIMATED COST

0.21	0.21
------	------

FILE 'MEDLINE' ENTERED AT 17:29:11 ON 24 JUN 2003

FILE 'SCISEARCH' ENTERED AT 17:29:11 ON 24 JUN 2003  
COPYRIGHT 2003 THOMSON ISI

FILE 'LIFESCI' ENTERED AT 17:29:11 ON 24 JUN 2003  
COPYRIGHT (C) 2003 Cambridge Scientific Abstracts (CSA)

FILE 'BIOTECHDS' ENTERED AT 17:29:11 ON 24 JUN 2003  
COPYRIGHT (C) 2003 THOMSON DERWENT AND INSTITUTE FOR SCIENTIFIC INFORMATION

FILE 'BIOSIS' ENTERED AT 17:29:11 ON 24 JUN 2003  
COPYRIGHT (C) 2003 BIOLOGICAL ABSTRACTS INC. (R)

FILE 'EMBASE' ENTERED AT 17:29:11 ON 24 JUN 2003  
COPYRIGHT (C) 2003 Elsevier Science B.V. All rights reserved.

FILE 'HCAPLUS' ENTERED AT 17:29:11 ON 24 JUN 2003  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'NTIS' ENTERED AT 17:29:11 ON 24 JUN 2003  
Compiled and distributed by the NTIS, U.S. Department of Commerce.  
It contains copyrighted material.  
All rights reserved. (2003)

FILE 'ESBIOBASE' ENTERED AT 17:29:11 ON 24 JUN 2003  
COPYRIGHT (C) 2003 Elsevier Science B.V., Amsterdam. All rights reserved.

FILE 'BIOTECHNO' ENTERED AT 17:29:11 ON 24 JUN 2003  
COPYRIGHT (C) 2003 Elsevier Science B.V., Amsterdam. All rights reserved.

FILE 'WPIDS' ENTERED AT 17:29:11 ON 24 JUN 2003  
COPYRIGHT (C) 2003 THOMSON DERWENT

=> s (transamina? or convert?) (5a)acetophenone  
L1 162 (TRANSAMINA? OR CONVERT?) (5A) ACETOPHENONE

=> s l1 (5a) (stereo? or optical?)  
L2 7 L1 (5A) (STEREO? OR OPTICAL?)

=> dup rem l2

=> d 1-4

L3 ANSWER 1 OF 4 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT AND ISI  
AN 2003-07797 BIOTECHDS  
TI New alcohol dehydrogenase from Pseudomonas fluorescens, useful for  
converting ketones to alcohols, also related nucleic acid;  
recombinant enzyme production by transformed Escherichia coli useful  
for alcohol production  
AU RIERMEIER T; BORNSCHEUER U; ALTENBUCHNER J; HILDEBRANDT P  
PA DEGUSSA AG  
PI EP 1241263 18 Sep 2002  
AI EP 2002-3634 18 Feb 2002  
PRAI DE 2001-1012401 13 Mar 2001; DE 2001-1012401 13 Mar 2001  
DT Patent  
LA German  
OS WPI: 2003-158766 [16]

L3 ANSWER 2 OF 4 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT AND ISI  
AN 2000-10329 BIOTECHDS  
TI New (S)-alpha-phenethylamine: pyruvate-transaminase for catalyzing  
transamination to give acetophenone and amino compound;  
production of acetophenone using microorganism, e.g. Pseudomonas sp.  
KNK425  
AU Iwasaki A; Yamada Y; Ikenaka Y; Yasohara Y; Hasegawa J  
PA Kaneka  
LO Osaka, Japan.  
PI WO 2000026351 11 May 2000  
AI WO 1999-JP5997 29 Oct 1999  
PRAI JP 1998-309310 30 Oct 1998  
DT Patent  
LA Japanese  
OS WPI: 2000-376128 [32]

L3 ANSWER 3 OF 4 WPIDS (C) 2003 THOMSON DERWENT  
AN 2000-629576 [61] WPIDS  
DNC C2000-188767  
TI Novel Mycobacterium protein capable of catalyzing transamination stereo  
selectively, useful for producing optically active amino compounds,  
comprises a sequence of 339 amino acids .  
DC B04 D16  
IN MITSUDA, S; TAKASHIMA, Y; WIESER, M  
PA (SUMO) SUMITOMO CHEM CO LTD  
CYC 27  
PI EP 1038953 A1 20000927 (200061)\* EN 54p C12N009-10  
R: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT  
RO SE SI  
JP 2000342276 A 20001212 (200104) 32p C12N015-09  
US 6413752 B1 20020702 (200248) C12N009-10  
US 2002127664 A1 20020912 (200262) C12P017-00  
ADT EP 1038953 A1 EP 2000-400701 20000314; JP 2000342276 A JP 2000-75752  
20000317; US 6413752 B1 US 2000-527522 20000316; US 2002127664 A1 Div ex  
US 2000-527522 20000316, US 2002-67291 20020207  
PRAI JP 1999-88634 19990330; JP 1999-75511 19990319  
IC ICM C12N009-10; C12N015-09; C12P017-00  
ICS C07H021-04; C07K014-35; C12N001-15; C12N001-19; C12N001-21;  
C12N005-06; C12N005-10; C12N015-54; C12P013-00; C12P021-02;  
C12P041-00  
ICI C07M007:00

L3 ANSWER 4 OF 4 WPIDS (C) 2003 THOMSON DERWENT  
AN 1994-268695 [33] WPIDS  
DNC C1994-122522  
TI Prepn. of optically active 2,2-di halo-1-phenyl-ethanol - by reacting di  
halo-acetone with microbe of Candida, Rhodosporidium, Corynebacterium etc.  
or deriv. of these.  
DC B05 D16 E14

*parent*



PA (TORA) TORAY IND INC  
CYC 1  
PI JP 06197791 A 19940719 (199433)\* 6p C12P041-00  
ADT JP 06197791 A JP 1992-349640 19921228  
PRAI JP 1992-349640 19921228  
IC ICM C12P041-00  
ICI C12P041-00, C12R001:72; C12P041-00, C12R001:88; C12P041-00, C12R001:84;  
C12P041-00, C12R001:78; C12P041-00, C12R001:85; C12P041-00,  
C12R001:22; C12P041-00, C12R001:365; C12P041-00, C12R001:465;  
C12P041-00, C12R001:645; C12P041-00, C12R001:

=> s l1 (10a) mycobacterium  
L4 1 L1 (10A) MYCOBACTERIUM

=> d

L4 ANSWER 1 OF 1 WPIDS (C) 2003 THOMSON DERWENT  
AN 2000-629576 [61] WPIDS  
DNC C2000-188767  
TI Novel Mycobacterium protein capable of catalyzing transamination stereo  
selectively, useful for producing optically active amino compounds,  
comprises a sequence of 339 amino acids .  
DC B04 D16  
IN MITSUDA, S; TAKASHIMA, Y; WIESER, M  
PA (SUMO) SUMITOMO CHEM CO LTD  
CYC 27  
PI EP 1038953 A1 20000927 (200061)\* EN 54p C12N009-10  
R: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT  
RO SE SI  
JP 2000342276 A 20001212 (200104) 32p C12N015-09  
US 6413752 B1 20020702 (200248) C12N009-10  
US 2002127664 A1 20020912 (200262) C12P017-00  
ADT EP 1038953 A1 EP 2000-400701 20000314; JP 2000342276 A JP 2000-75752  
20000317; US 6413752 B1 US 2000-527522 20000316; US 2002127664 A1 Div ex  
US 2000-527522 20000316, US 2002-67291 20020207  
PRAI JP 1999-88634 19990330; JP 1999-75511 19990319  
IC ICM C12N009-10; C12N015-09; C12P017-00  
ICS C07H021-04; C07K014-35; C12N001-15; C12N001-19; C12N001-21;  
C12N005-06; C12N005-10; C12N015-54; C12P013-00; C12P021-02;  
C12P041-00  
ICI C07M007:00

=> dis his

(FILE 'HOME' ENTERED AT 17:29:04 ON 24 JUN 2003)

FILE 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBASE, HCAPLUS,  
NTIS, ESBIODBASE, BIOTECHNO, WPIDS' ENTERED AT 17:29:11 ON 24 JUN 2003

L1 162 S (TRANSAMINA? OR CONVERT?) (5A) ACETOPHENONE  
L2 7 S L1 (5A) (STEREO? OR OPTICAL?)  
L3 4 DUP REM L2 (3 DUPLICATES REMOVED)  
L4 1 S L1 (10A) MYCOBACTERIUM

=> log h

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
42.51	42.72

FULL ESTIMATED COST

SESSION WILL BE HELD FOR 60 MINUTES